

## **MISSISSIPPI BOARD OF ANIMAL HEALTH**

### Subpart 2

#### Ch. 19

#### Bovine Trichomoniasis Control

##### 104 Virgin bulls.

A virgin bull is a bull less than 18 months of age in which one permanent central incisor teeth is in wear and that has never been commingled with breeding females. Virgin bulls, other than exhibition and rodeo bulls, brought into this state shall, in addition to any other required documentation, be accompanied by a certification of virgin status signed by the owner of the bull, or the owner's representative or a duly authorized Veterinarian. The certification shall include the bull's individual identification. If the owner seeking to import the virgin bull into this state acquired the bull from a breeder or another owner then a certification of virgin status signed by the breeder and each prior owner of the bull, or their representative must also accompany the bull. This certification can be stated on the CVI or can be an official state form that accompanies the CVI and sent to our office.

Source: *Miss. Code Ann.* §69-15-3.

105 The requirements for testing bulls for Trichomoniasis, whether in this state or to be imported into this state, are as follows:

1. All samples to be submitted for testing for Trichomoniasis shall be drawn by a certified accredited veterinarian and testing performed by an approved laboratory.
2. The testing of samples shall be performed at an official laboratory.
3. Three separate official culture tests, each conducted not less than one week apart, or one Polymerase Chain Reaction test (PCR) shall be performed, no more than 60 days prior to entry of the bull into this state. Test samples may be pooled at the laboratory upon request. A bull undergoing the three separate official culture tests must test negative on each such test to be considered free of Trichomoniasis.
4. A positive result on any test shall immediately cause the bull to be classified as a Trichomoniasis infected bull subject to the restrictions set out in these regulations.
5. A PCR test to confirm the presence of Trichomoniasis may be requested in the event of a positive result on a test, but the request for the confirmatory test must be made within 5 days of notification of the positive test result.

a. If the confirming PCR test comes back negative then one more negative test shall be conducted for the bull to be considered negative for Trichomoniasis and be moved as a negative bull.

b. If the confirming PCR test comes back positive then the bull shall be considered to be infected and subject to the restrictions set out in these regulations.

6. Bulls being tested for Trichomoniasis shall be kept separate from female cattle at all times during the entire test period and from the completion of the test until importation into this state.

7. All positive test results for Trichomoniasis shall be reported to the state veterinarian within 24 hours after receipt of the results. When a positive test result is received the treating veterinarian shall consult with the state veterinarian on the first business day after receipt of the test results to determine a plan of action regarding the herd of the animal testing positive.

Source: *Miss. Code Ann . §69-15-3.*

106 Cows testing positive for Trichomoniasis will result in quarantine of all breeding bulls in the herd.. The quarantine will be released once the bulls have tested negative by PCR. Bulls in Mississippi testing positive for Trichomoniasis shall be subject to the following restrictions.

1. If a confirming PCR test is timely requested then the bull testing positive shall be segregated from all other cattle until the confirming PCR test results are received.

2. A bull that has tested positive for Trichomoniasis for which no confirming PCR test has been timely requested or which is confirmed by a second PCR test to be infected with Trichomoniasis shall be immediately isolated from and kept isolated from all other cattle, except for other known infected bulls and shall not be moved except as provided in these regulations.

3. An infected bull shall be moved directly to slaughter, or sold directly for slaughter through a livestock market, within 30 days from receipt of the positive results of the original test or the results of the confirming PCR test, whichever is later.

a. Movement of an infected bull shall be under a VS 1-27 permit issued by the state veterinarian or his representative.

b. The VS 1-27 permit shall accompany the bull upon movement of the animal.

4. If an infected bull has been in a herd with other breeding bulls then the other breeding bulls shall automatically be under quarantine until they have tested negative for Trichomoniasis. All breeding bulls in a herd with a cow found to be positive for Trichomoniasis shall be placed under quarantine until they achieve 2 negative official tests not less than 7 days apart.

a. All of the other breeding bulls shall be immediately separated from, and kept separate from, all female cattle and from all virgin bulls or other breeding bulls that have tested negative for Trichomoniasis.

b. Each breeding bull that has been in a herd with an infected bull or cow shall remain under quarantine until they have had 2 negative official tests not less than 7 days apart. Test samples shall not be pooled.

c. A bull that has tested negative shall be immediately removed from all of the other bulls that have not been tested, or for which the test results have not been received and shall be free of the hold or do not remove order.

d. A positive result on any test shall immediately cause the tested bull to be classified as a Trichomoniasis infected bull subject to the restrictions set out in these regulations.

e. A PCR test to confirm the presence of Trichomoniasis may be requested in the event of a positive result on a culture test, but the request for the confirmatory test must be made within 5 days of notification of the positive test result.

(1) If the confirming PCR test comes back negative then after a 2<sup>nd</sup> negative test the bull is considered negative for Trichomoniasis and may be moved as a negative bull

(2) If the confirming PCR test comes back positive then the bull shall be considered to be infected and subject to the restrictions set out in these regulations.

Source: *Miss. Code Ann.* §69-15-3.

Sec. 104, 105 and 106 were amended on August 8, 2016

## MISSISSIPPI BOARD OF ANIMAL HEALTH

### Subpart 2

#### Ch. 19

#### Bovine Trichomoniasis Control

#### 104 Virgin bulls.

A virgin bull is a bull less than ~~24~~ 18 months of age in which ~~both~~ one permanent central incisor teeth is in wear ~~are not present~~ and that has never been commingled with breeding females. Virgin bulls, other than exhibition and rodeo bulls, brought into this state shall, in addition to any other required documentation, be accompanied by a certification of virgin status signed by the owner of the bull, or the owner's representative or a duly authorized Veterinarian. The certification shall include the bull's individual identification. If the owner seeking to import the virgin bull into this state acquired the bull from a breeder or another owner then a certification of virgin status signed by the breeder and each prior owner of the bull, or their representative must also accompany the bull. This certification can be stated on the CVI or can be an official state form that accompanies the CVI and sent to our office.

Source: *Miss. Code Ann.* §69-15-3.

105 The requirements for testing bulls for Trichomoniasis, whether in this state or to be imported into this state, are as follows:

1. All samples to be submitted for testing for Trichomoniasis shall be drawn by a certified accredited veterinarian and testing performed by an approved laboratory.
2. The testing of samples shall be performed at an official laboratory. ~~or by a certified accredited veterinarian, qualified to test for Trichomoniasis.~~
3. Three separate official culture tests, each conducted not less than one week apart, or one Polymerase Chain Reaction test (PCR) shall be performed, no more than ~~30~~ 60 days prior to entry of the bull into this state. Test samples ~~shall not~~ may be pooled at the laboratory upon request. A bull undergoing the three separate official culture tests must test negative on each such test to be considered free of Trichomoniasis.
4. A positive result on any test shall immediately cause the bull to be classified as a Trichomoniasis infected bull subject to the restrictions set out in these regulations.
5. A PCR test to confirm the presence of Trichomoniasis may be requested in the event of a positive result on a test, but the request for the confirmatory test must be made within 5 days of notification of the positive test result.

- a. If the confirming PCR test comes back negative then one more negative test shall be conducted for the bull to be is considered negative for Trichomoniasis and ~~may~~ be moved as a negative bull.
  - b. If the confirming PCR test comes back positive then the bull shall be considered to be infected and subject to the restrictions set out in these regulations.
6. Bulls being tested for Trichomoniasis shall be kept separate from female cattle at all times during the entire test period and from the completion of the test until importation into this state.
7. All positive test results for Trichomoniasis shall be reported to the state veterinarian within 24 hours after receipt of the results. When a positive test result is received the treating veterinarian shall consult with the state veterinarian on the first business day after receipt of the test results to determine a plan of action regarding the herd of the animal testing positive.

Source: *Miss. Code Ann .* §69-15-3.

106 Cows testing positive for Trichomoniasis will result in quarantine of all breeding bulls in the herd.. The quarantine will be released once the bulls have tested negative by PCR.. Bulls in Mississippi testing positive for Trichomoniasis shall be subject to the following restrictions.

1. If a confirming PCR test is timely requested then the bull testing positive shall be segregated from all other cattle until the confirming PCR test results are received.
2. A bull that has tested positive for Trichomoniasis for which no confirming PCR test has been timely requested or which is confirmed by ~~the~~ a second PCR test to be infected with Trichomoniasis shall be immediately isolated from and kept isolated from all other cattle, except for other known infected bulls and shall not be moved except as provided in these regulations.
3. An infected bull shall be moved directly to slaughter, or sold directly for slaughter through a livestock market, within 30 days from receipt of the positive results of the original test or the results of the confirming PCR test, whichever is later.
  - a. Movement of an infected bull shall be under a VS 1-27 permit issued by the state veterinarian or his representative.
  - b. The VS 1-27 permit shall accompany the bull upon movement of the animal.
4. If an infected bull has been in a herd with other breeding bulls then the other breeding bulls shall automatically be under quarantine until they have tested negative for Trichomoniasis. All breeding bulls in a herd with a cow found to be positive for Trichomoniasis shall be placed under quarantine until they achieve 2 negative official tests not less than 7 days apart.
  - a. All of the other breeding bulls shall be immediately separated from, and kept separate from, all female cattle and from all virgin bulls or other breeding bulls that have tested negative for Trichomoniasis.

b. Each breeding bull that has been in a herd with an infected bull or cow shall remain under quarantine until they have had 2 negative official tests not less than 7 days apart. ~~be tested for Trichomoniasis.~~ Test samples shall not be pooled.

~~c. Two negative official PCR tests conducted at least seven days apart or three separate official culture tests, each conducted not less than one week apart, shall be performed on each bull. Test samples shall not be pooled. Each test conducted on a bull must show a negative result before the tested bull can be declared to be free of Trichomoniasis.~~

~~c.d.~~ A bull that has tested negative shall be immediately removed from all of the other bulls that have not been tested, or for which the test results have not been received and shall be free of the hold or do not remove order.

~~d.e.~~ A positive result on any test shall immediately cause the tested bull to be classified as a Trichomoniasis infected bull subject to the restrictions set out in these regulations.

~~e.f.~~ A PCR test to confirm the presence of Trichomoniasis may be requested in the event of a positive result on a culture test, but the request for the confirmatory test must be made within 5 days of notification of the positive test result.

(1) If the confirming PCR test comes back negative then after a 2<sup>nd</sup> negative test the bull is considered negative for Trichomoniasis and may be moved as a negative bull

(2) If the confirming PCR test comes back positive then the bull shall be considered to be infected and subject to the restrictions set out in these regulations.

Source: *Miss. Code Ann* . §69-15-3.

Sec. 104, 105 and 106 were amended on August 8, 2016.